

FEATURES

- 4K / 8MP Ultra HD Resolution
- NDAA Compliant
- H.265 Compression
- 2.8mm Wide Angle Fixed Lens
- IR Up to 90 Feet
- Built-in Microphone
- Micro SD Slot – EDGE Recording
- ONVIF Compliant
- P2P Support

SPECIFICATIONS

Image Sensor	1/2.7" Progressive CMOS
Effective Pixels	8MP 3840 (H) × 2160 (V)
Intelligence Features	iPac AI Enabled
Min. Illumination	Color 0.002Lux @ F1.2 (AGC ON); B/W 0 lux @ IR ON
Shutter	1/5 ~ 1/20000s
Slow Shutter	Support
Lens	2.8mm
Lens Type	Fixed (M12)
Angular Field of View	Horizontal:110.27°,Vertical:58.36°, Diagonal:132.5°
F No.	F 1.6 ± 10%
Min. Object Distance	6.5Ft
Day & Night	IR Cut Filter with Auto Switch
Gain Control	Auto
White Balance	Auto / Manual
WDR	Digital WDR
Backlight Comp.	Off/On (5 Zone)
Video Compression	H.265 / H.264 Coding
Video Bit Rate	128Kbps ~ 8Mbps
Bitrate Control	CBR / VBR
Streaming Capability	Dual-Stream(Main/Sub)
Motion Detection	Off/On (8 Level)
Privacy Masking	Off/On (4 Zone, Rectangle)
Ethernet	RJ-45 (10/100 BASE-T)
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS, RTP/RTSP,SMTP,NTP,UPnP,SNMP, HTTPS, FTP
IP	IPv4
Compatibility	ONVIF
IR Range	Up to 90 Feet
EDGE Recording	Micro SD Slot Up to 256GB
Alarm	No
Audio	Yes, Built-in Microphone
POE	Yes
Weather Rating	IP67



Power Supply	D12V/POE(IEEE802.3af)
Reset Button	Yes
Operating Temperature	-40 ~ +140°F / less than ≤ 95% RH
Net Weight	0.72lb

Resolution	Main Stream: 8MP (3840x2160),4MP(2592x1520), 3MP (2304x1296),1080P(1920x1080) Sub Steam: 1080P(1920x1080),720P(1280x720), VGA(640x480) Mobile Steam: VGA(640x480),QVGA (320X240)
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Max FPS	50Hz/60Hz: 20fps @ 8MP, 4MP ,3MP ,2MP ,720P ,VGA
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DIMENSIONS

